

TYPE: KANSAS. McPherson Co.: 2 mi west and 2 mi south of Marquette, east facing sandstone outcrops along a high prairie ridge, 25 June 1976, *Ralph Brooks 12259d* (KANU; isotypes MICH, NY).

Associated with its parents *W. obtusa* and *W. oregana* var. *oregana* on sandstone outcrops. Known only from central Kansas (McPherson and Ellsworth counties, perhaps others in vicinity).

PARATYPE: Wilson, Ellsworth Co., Kansas, 1928, *Clement Weber 2* (MO).

The habit drawing is the work of Carol Kuhn Teale, a graduate student in botany at the University of Kansas.

LITERATURE CITED

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- BUTTERS, F. K. 1941. Hybrid woodsias in Minnesota. *Amer. Fern J.* 31:15-21.
- ROSENDAHL, H. V. 1915. Om *Woodsia alpina* och en Dydlig Inlands form of Fenna Samt *Woodsia alpina* × *ilvensis* nov. hybr. *Svensk. Bot. Tids.* 9:414-420.
- TRYON, R. M., Jr. 1948. Some woodsias from the north shore of Lake Superior. *Amer. Fern. J.* 38:159-170.
- WAGNER, W. H., Jr. and K. L. CHEN. 1965. Abortion of spores and sporangia as a tool in the detection of *Dryopteris* hybrids. *Amer. Fern. J.* 55:9-29.

REVIEW

The Genus *Polypodium* in Cultivation [Polypodiaceae], by Barbara Joe Hoshizaki. *Baileya* 22:1-52, 53-99. June 1982.—This long work continues Barbara Joe's invaluable series on cultivated ferns. A key to subgenera and keys to the species in each subgenus lead to pertinent synonymy, a brief description, the native range, and horticultural notes for each species. Cultivated varieties are fully discussed under each species and also are illustrated. The taxa are illustrated by a silhouette of a frond or sometimes by a photograph. Occasionally a line drawing or silhouette of some detail is also provided, for instance, of a rhizome scale where that is diagnostic. Addenda and an index conclude the paper. In the addenda, the synonym *Pleopeltis revoluta* (Spreng. ex Willd.) A. R. Smith should be added to *Polypodium astrolepis*. Also, *Polypodium revolutum* C. Chr. appears to be a *nomen nudum*; the species apparently does not have a valid name. Under subgenus *Niphidium*, the name *Polypodium albopunctatissimum* Linden is mentioned as if it were a valid name, but it, too, is a *nomen nudum*. All who need to know or to identify cultivated polypodiums will make use of this paper constantly.—*D.B.L.*